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## CALIFORNIA STATE

FERRY BUILDING,

LEWIS E. AUBURY, ST

## SHOWING BY COUNTIES THE MINERAL PRODUCTION

(COMPILED FROM DIRECT RETURNS)



COUNTIES	METALLIC.										NON-METALLIC.										HYDROCARBONS AND OTHERS.	
	PRECIOUS METALS, AS PER RETURNS TO U. S. MINT AT SAN FRANCISCO		COPPER	QUICKSILVER	MISCELLANEOUS, MINERAL PAINT, LEAD, MANGANESE, CHROME, AND PLATINUM.		BORAX AND BORIC ACID.		COAL	MINERAL WATERS.		SALT.	MISCELLANEOUS, CRYSTALLINE, FULLER'S EARTH, INFUSORIA, EARTH, GYPSUM, PY- RITES, TOURMALINE, LITHIA, MICA, SODA, WASCHSTEIN, MICA, TCH- QUOISE AND GRAPHITE		ASPHALTUM, BITUMINOUS ROCK, AND NATURAL GAS.							
	GOLD	SILVER.			Quantity.	Value	Tons.	Value.		Tons.	Value.		Gallons.	Value.	Tons.	Value.	Quantity.	Value.	Quantity.	Value.		
Alameda					Tons 87 Lbs. 1,500	Manganese \$7,110 Lead. 52			67,850	\$203,550			80,000	\$160,000	Tons 100 Lbs. 14,323	Magnesian \$500 Pyrites. 53,301						
Alpine	\$10,359	\$3,770																				
Amador	1,629,151	2,686	130,000	\$14,620					5,450	10,912												
Butte	916,782	2,219											14,000	\$1,500								
Calaveras	2,072,939	46,234	2,087,501	251,062		Tons 259	Mineral Paint 778															
Colusa	850				(b) 605	\$26,100							142,305	79,698	18	396						
Contra Costa			31,700	3,645					13,960	31,160			31,200	8,736								
Del Norte	5,450																					
El Dorado	335,031	52	2,128	319																		
Fresno	54,427	21,200	3,000,000	345,000									5,000	4,500								
Humboldt	60,015												10,000	2,500								
Inyo	74,397	14,484	1,100	126		Lbs. 257,500	Lead. 9,013	310	Refined Borax \$36,394							Tons 7,000	Soda 50,000					
Kern	1,165,982	99,135	235,840	27,122												Tons 987 Lbs. 1,000	Fullers Earth 19,246 Gypsum 8,000	Tons 10,150	Asphaltum. \$101,500			
Kings																						
Lake					3,611	161,568							241,100	126,663								
Lassen	23,410	244																				
Los Angeles	7,209					Tons 100 Lbs. 14,400	Mineral Paint, 300 Lead, 504									90	180	Tons 60	Inf. Earth 360	Tons 16,767	Asphaltum. 171,904	
Madera	35,128	3	18,600	2,139																		
Marin															700	1,400						
Mariposa	631,478	3,880	104,700	11,940																		
Mendocino													28,575	7,898								
Merced			14,400	1,656																		
Mono	510,596	36,548				Lbs. 4,400	Lead. 154															
Monterey	6,860	18											15,000	1,750								
Napa					7,142	304,474							236,229	97,048			Tons 150	Magnesian 450				



# MINING BUREAU,

SAN FRANCISCO.

RY, STATE MINERALOGIST.

## PRODUCTIONS OF CALIFORNIA FOR THE YEAR 1902.

(DIRECT RETURNS BY PRODUCERS.)

HYDROCARBONS AND GASES.				STRUCTURAL MATERIALS.										TOTAL PRODUCT OF COUNTIES.						
ASPHALTUM AND NATURAL GAS.		PETROLEUM.		BRICK AND POTTERY CLAYS, AND PORTLAND CEMENT.		SANDSTONE AND GRANITE.		LIMESTONE.		MACADAM.		RUBBLE AND PAVING BLOCKS.		MISCELLANEOUS. SERPENTINE, MARBLE, GLASS SAND, SLATE, AND SOAPSTONE.		1902.	COUNTIES	1901.		
Value.	Bbls.	Value.	Quantity.	Value.	Cubic Feet.	Value.	Bbls.	Value.	Tons.	Value.	Tons.	Value.	Quantity.	Value.	Quantity.	Value.	Total Values.	Total Values.		
			M 10,000	Brick. \$60,000							212,563	\$182,295					\$666,838	Alameda	\$786,366	
			Tons 12,723	Pottery. 13,728													14,129	Alpine	27,747	
			M 800	Brick. 5,000			400	\$750								Cu. ft. 6,300	Marble. \$8,016	1,679,113	Amador	1,888,191
																	926,251	Butte	879,767	
																	2,371,013	Calaveras	2,355,372	
						99,395											194,500	Colusa	115,107	
			M 800	Brick. 11,600													55,141	Contra Costa	101,900	
																	5,450	Del Norte	10,612	
								24,599	16,176							Squares 4,000	Slate. 30,000	381,578	El Dorado	347,263
	(c) 571,233	\$199,931	M 6,000	Brick. 45,000													670,058	Fresno	480,696	
			M 2,170	Brick. 17,040													79,555	Humboldt	108,425	
																	184,414	Inyo	668,618	
Asphaltum.	\$101,500	9,777,948	M 3,500	Brick. 24,500			99,360	80,856									3,481,926	Kern	2,423,918	
			M 3,500	Brick. 19,000													19,000	Kings	5,000	
																	288,231	Lake	331,684	
																	23,654	Lassen	6,100	
Asphaltum.	171,904	2,198,496	52,776 M 890 tons	Brick 335,670 Pottery 890	5,000	Granite. 3,500					12,400	26,000	(h) 161,656	Tons Rubble.	\$75,547		1,697,932	Los Angeles	1,642,591	
			M 230	Brick. 1,840	105,845	Granite. 78,041								Tons Rubble.	4,000		121,151	Madera	400,825	
			M 14,600	Brick. 97,700							2,150	2,150	147,300	Tons Rubble.	105,350		206,600	Marin	128,227	
																	647,298	Mariposa	542,975	
			M 200	Brick. 2,000													9,898	Mendocino	10,720	
																	1,656	Merced	12,453	
							2,000	2,000									549,298	Mono	522	
							22,000	13,200			1,800	900		Tons Rubble.	4,300	Tons Glass Sand. 4,500	12,225	39,253	Monterey	50,169
										(g) 7,086	\$8,496			Tons Rubble.	500		410,968	Napa	516,388	



TODS TOTALS.—NON-METALLIC.		MISCELLANEOUS TOTALS.—HYDROCARBONS AND GASES.		MISCELLANEOUS TOTALS.—STRUCTURAL MATERIALS.		TOTALS.—PORTLAND CEMENT AND CLAYS FOR BRICK, POTTERY, ETC.					
.....	50 lbs.	\$500	Asphaltum .....	34,511 tons	\$319,344	Glass Sand .....	4,500 tons	\$12,225	Brick (Common, Pressed, and Fire).....	169,851 M	\$1,306,215
.....	967 tons	19,246	Pituminous Rock .....	33,490 tons	43,411	Marble .....	19,305 cu. ft.	37,616	Cement (Portland) .....	171,000 bbls.	423,000
.....	42 tons	1680	Natural Gas .....	120,968 Mcu ft.	99,443	Paving Blocks .....	3,502 M	112,437	Clay for Pottery, sewer-pipe, etc. ....	67,833 tons	74,163
.....	10,200 tons	53,590	.....	.....	.....	Rubble (includes Concrete). . . . .	1,565,076 tons	830,981	.....	.....	\$1,803,978
.....	422 tons	2,532	.....	.....	\$492,198	Serpentine .....	512 cu. ft.	5,065	TOTALS.—SANDSTONE AND GRANITE.		
.....	822 tons	31,880	.....	.....	.....	Slate .....	4,000 sqrs.	30,000	Granite .....	257,690 cu. ft.	\$255,239
.....	2,830 tons	29,655	.....	.....	.....	Soapstone .....	14 tons	288	Sandstone .....	212,123 cu. ft.	142,506
.....	50 tons	2,600	.....	.....	.....	.....	.....	.....	.....	.....	\$397,745
.....	17,525 tons	60,306	.....	.....	.....	.....	.....	.....			
.....	7,000 tons	50,000	.....	.....	.....	.....	.....	.....			
.....	.....	150,000	.....	.....	.....	.....	.....	.....			
.....	510 lbs.	11,600	.....	.....	.....	.....	.....	.....			
\$404,389											

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